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LISTING OF CLAIMS

Claim 1 (Currently Amended): A cart system, comprising:

a sensor ~~which is activated~~ transmitting cart return signals when a cart is returned to a cart corral;

a plurality of customer identification signals which are ~~manually~~ entered at the cart corral or ~~wirelessly~~ transmitted from a customer device; and

a data processing section receiving the cart return signals from the sensor and the customer ~~input~~ identification signals so as to associate the returned cart with a particular customer ~~identification~~ for a customer reward program.

Claim 2 (Currently Amended): A cart return system comprising:

a sensor ~~which is activated~~ transmitting cart return signals when a cart is returned to a cart corral;

a first interface which receives a first set of customer identification signals from a customer;

a second interface which receives a second set of customer identification signals from the customer; and

a data processing section associating at least one of the sets of customer identification signals with a the cart returned signal received from the sensor for a customer rewards program.

Claim 3 (Original): The system defined in Claim 2, wherein the data processing section receives both the first and second sets of signals from the customer.

Claim 4 (Original): The system defined in Claim 2, wherein the data processing section ~~only~~ receives the second set of signals due to a failure of the first interface.

Claim 5 (Currently Amended): A cart return system for use by a store, the system comprising:

a detection loop arranged at the entrance to a cart return location;

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a cart detection circuit connected to the detection loop being configured for detecting a change of inductance of the loop and identifying a cart detected condition; and
a processing circuit, connected to the cart detection circuit, being configured for identifying a cart return condition in response to the cart detected condition, wherein the processing circuit is configured to receive a customer identification and to associate the customer identification with the cart return condition.

Claim 6 (Original): The system defined in Claim 5, wherein the cart detection circuit includes a loop oscillator circuit connected to the detection loop.

Claim 7 (Original): The cart return system defined in Claim 6, wherein the cart detection circuit includes a control circuit detecting a change in inductance of the loop so as to specify the cart detected condition in response to the loop oscillator circuit.

Claim 8 (Original): The system defined in Claim 5, additionally comprising an output interface connected to the processing circuit, wherein the processing circuit generates an output signal for the output interface based on the cart return condition and the customer identification.

Claim 9 (Original): The system defined in Claim 8, wherein the output signal is indicative of a reward for a customer of the store.

Claim 10 (Original): The system defined in Claim 8, wherein the output interface provides a reward to a customer of the store.

Claim 11 (Original): The system defined in Claim 5, wherein the processing circuit includes a customer identification interface that provides the customer identification responsive to the cart return condition.

Claim 12 (Original): The system defined in Claim 11, wherein the customer identification interface is a keypad.

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Claim 13 (Original): The system defined in Claim 11, wherein the customer identification interface is a smart card reader.

Claim 14 (Original): The system defined in Claim 11, wherein the customer identification interface comprises a wireless transceiver.

Claim 15 (Original): The system defined in Claim 11, wherein the customer identification interface comprises a biometrics subsystem.

Claim 16 (Original): The system defined in Claim 5, wherein the customer identification corresponds to a customer who returns a shopping cart to the cart return location.